

Contents of Volume 16

No. 1

<i>S. Snoeck, D. Schols, G. Andrei, J. Neyts and E. De Clercq (Belgium)</i> Antiviral activity of anti-cytomegalovirus agents (HPMPC, HPMPA) assessed by a flow cytometric method and DNA hybridization technique	1
<i>Y.J. Gordon, E. Romanowski, T. Araullo-Cruz, L. Seaberg, S. Erzurum, R. Tolman and E. De Clercq (Belgium, U.S.A.)</i> Inhibitory effect of (S)-HPMPC, (S)-HPMPA, and 2'-nor-cyclic GMP on clinical ocular adenoviral isolates is serotype-dependent in vitro	11
<i>K.F. Soike, J.-L. Huang, J.-Y. Zhang, R. Bohm, M.J.M. Hitchcock and J.C. Martin (U.S.A.)</i> Evaluation of infrequent dosing regimens with (S)-1-[3-hydroxy-2-(phosphonylmethoxy)propyl]cytosine (S-HPMPC) on simian varicella infection in monkeys	17
<i>H.J. Field, A.R. Awan and R. de la Fuente (U.K.)</i> Isolation of equine herpesvirus-1 mutants in the presence of (S)-9-(3-hydroxy-2-phosphonylmethoxypropyl)adenine: demonstration of resistance in vitro and in vivo	29
<i>J. Neyts, R. Snoeck, J. Balzarini and E. De Clercq (Belgium)</i> Particular characteristics of the anti-human cytomegalovirus activity of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine (HPMPC) in vitro	41
<i>L. Naesens, J. Balzarini and E. De Clercq (Belgium)</i> Single-dose administration of 9-(2-phosphonylmethoxyethyl)adenine (PMEA) and 9-(2-phosphonylmethoxyethyl)-2,6-diaminopurine (PMEDAP) in the prophylaxis of retrovirus infection in vivo	53
<i>V. Del Gobbo, A. Foli, J. Balzarini, E. De Clercq, E. Balestra, N. Villani, S. Marini, C.F. Perno and R. Calò (Italy)</i> Immunomodulatory activity of 9-(2-phosphonylmethoxyethyl)adenine (PMEA), a potent anti-HIV nucleoside analogue, on in vivo murine models	65
<i>E.A. Hoover, J.P. Ebner, N.S. Zeidner and J.I. Mullins (U.S.A.)</i> Early therapy of feline leukemia virus infection (FeLV-FAIDS) with 9-(2-phosphonylmethoxyethyl)adenine (PMEA)	77
<i>P.C. Maudgal and E. De Clercq (Belgium)</i> Effects of phosphonylmethoxyalkyl-purine and -pyrimidine derivatives on TK ⁺ and TK ⁻ HSV-1 keratitis in rabbits	93
<i>L.M. De Castro, E.R. Kern, E. De Clercq, A. Ghaffar, E.P. Mayer, P.E. Vogt and J.D. Gangemi (Belgium, U.S.A.)</i> Phosphonylmethoxyalkyl purine and pyrimidine derivatives for treatment of opportunistic cytomegalovirus and herpes simplex virus infections in murine AIDS	101
<i>G. Palù, S. Stefanelli, M. Rattu, C. Parolin, J. Balzarini and E. De Clercq (Belgium, Italy)</i> Cellular uptake of phosphonylmethoxyalkylpurine derivatives (Short Communication)	115

No. 2

- J.S. Cohen (U.S.A.)*
Antisense oligodeoxynucleotides as antiviral agents (Mini-Review) 121
- M.R. Nassiri, S.R. Turk, G.M. Birch, L.A. Coleman, J.L. Hudson, J.S. Pudlo, L.B. Townsend and J.C. Drach (U.S.A.)*
Activity of acyclic halogenated tubercidin analogs against human cytomegalovirus and in uninfected cells 135
- S.N. Pencheva (Bulgaria)*
Potentiating effect of ribavirin on the anti-herpes activity of acyclovir 151
- M. Sinet, B. Desforges, O. Launay, J.-N. Colin and J.-J. Pocidalo (France)*
Factors influencing zidovudine efficacy when administered at early stages of Friend virus infection in mice 163
- M.E. Kmetz, M. Ceruzzi and J. Schwartz (U.S.A.)*
Vmw65 phosphorothioate oligonucleotides inhibit HSV KOS replication and Vmw65 protein synthesis 173
- D.O. Andersen, N.D. Weber, S.G. Wood, B.G. Hughes, B.K. Murray and J.A. North (U.S.A.)*
In vitro virucidal activity of selected anthraquinones and anthraquinone derivatives 185
- J. Holliday and M.V. Williams (U.S.A.)*
Inhibition of herpes simplex virus types 1 and 2 replication in vitro by mercurithio analogs of deoxyuridine 197
- H.M. Shafik, M.A. Nokta and R.B. Pollard (Egypt, U.S.A.)*
Recombinant human interferon beta ser protects against zidovudine-induced genetic damage in AIDS patients 205

No. 3

- K. Andries, B. Dewindt, J. Snoeks, R. Willebrords, R. Stokbroekx and P.J. Lewi (Belgium)*
A comparative test of fifteen compounds against all known human rhinovirus serotypes as a basis for a more rational screening program (Mini-Review) 213
- H.E. Kaufman, E.D. Varnell, Y.C. Cheng, M. Bobek, H.W. Thompson and G.E. Dutschman (U.S.A.)*
Suppression of ocular herpes recurrences by a thymidine kinase inhibitor in squirrel monkeys 227
- J.-E.S. Hansen, C. Nielsen, H. Clausen, L.R. Mathiesen and J.O. Nielsen (Denmark)*
Effect of anti-carbohydrate antibodies on HIV infection in a monocytic cell line (U937) 233
- T. Otake, K. Miyano, H. Mori, M. Morimoto, N. Ueba, N. Kunita, H. Nakashima and T. Kurimura (Japan)*
Anti-HIV-1 activity of sulfated amphotericin B in vitro 243

<i>E.L. White, R.W. Buckheit, Jr., L.J. Ross, J.M. Germany, K. Andries, R. Pauwels, P.A.J. Janssen, W.M. Shannon and M.A. Chirigos (Belgium, U.S.A.)</i>	
A TIBO derivative, R82913, is a potent inhibitor of HIV-1 reverse transcriptase with heteropolymer templates	257
<i>K.L. Rubino, W.G. Tarpley and J.A. Nicholas (U.S.A.)</i>	
Effects of a soluble CD4 and CD4- <i>Pseudomonas</i> exotoxin A chimeric protein on human peripheral blood lymphocytes: lymphocyte activation and anti-HIV activity in vitro	267
<i>M.T.F. Carpendale and J.K. Freeberg (U.S.A.)</i>	
Ozone inactivates HIV at noncytotoxic concentrations	281
Announcement	293
No. 4	
<i>J.C. Craig, I.B. Duncan, D. Hockley, C. Grief, N.A. Roberts and J.S. Mills (U.K.)</i>	
Antiviral properties of Ro 31-8959, an inhibitor of human immunodeficiency virus (HIV) proteinase	295
<i>J.L. Eisman, R.A. Yetter, T.N. Fredrickson, S.G. Shapiro, C. MacAuley and J.A. Bilello (U.S.A.)</i>	
Effect of 3'-azidothymidine administered in drinking water or by continuous infusion on the development of MAIDS	307
<i>M. Fukuma, Y. Seto and T. Yamase (Japan)</i>	
In vitro antiviral activity of polyoxotungstate (PM-19) and other polyoxometalates against herpes simplex virus	327
<i>Th. Bader, Y. Yamada and H. Ankel (Japan, U.S.A.)</i>	
Antiviral activity of the prostanoid clavulone II against vesicular stomatitis virus	341
Contents of Volume 16	357
Author Index	361
Subject Index	365